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WHAT IS CLAIMED IS:

1. A compound of formula

$$R^3$$
 X^1 X^2 R^4 R^2

5 or a pharmaceutically acceptable salt thereof, wherein

 X^1 is C(R) or N

 X^2 is C(R) or N; wherein at least one of X^1 and X^2 is N;

 R^1 is C_{1-8} alkyl, C_{1-4} haloalkyl, halo, cyano, nitro, $-C(=O)R^b$, $-C(=O)OR^b$, $-C(=O)NR^aR^a$, $-C(=NR^a)NR^aR^a$, $-OR^a$, $-OC(=O)R^b$, $-OC(=O)NR^aR^a$,

 $10 \quad -OC(=O)N(R^a)S(=O)_2R^b, \\ -OC_{2\text{-}6}alkylNR^aR^a, \\ -OC_{2\text{-}6}alkylOR^a, \\ -SR^a, \\ -S(=O)R^b, \\$

 $-S(=O)_2R^b, \, -S(=O)_2NR^aR^a, \, -S(=O)_2N(R^a)C(=O)R^b, \, -S(=O)_2N(R^a)C(=O)OR^b, \\$

 $-S(=O)_2N(R^a)C(=O)NR^aR^a$, $-NR^aR^a$, $-N(R^a)C(=O)R^b$, $-N(R^a)C(=O)OR^b$,

 $-N(R^a)C(=O)NR^aR^a, \ -N(R^a)C(=NR^a)NR^aR^a, \ -N(R^a)S(=O)_2R^b, \ -N(R^a)S(=O)_2NR^aR^a, \ -N(R^a)C(=O)_2NR^aR^a, \ -N(R^a)C(=O)_2NR^a, \ -N($

-NR a C $_{2\text{-}6}$ alkylNR a R a or -NR a C $_{2\text{-}6}$ alkylOR a or C $_{1\text{-}8}$ alkyl substituted by 1, 2 or 3

substituents independently selected from cyano, nitro, -C(=O)R^b, -C(=O)OR^b,

 $-C(=O)NR^aR^a, \ -C(=NR^a)NR^aR^a, \ -OR^a, \ -OC(=O)R^b, \ -OC(=O)NR^aR^a, \ -OC(=O)NR^a, \ -OC(=O)$

 $-OC(=O)N(R^a)S(=O)_2R^b, \ -OC_{2\text{-}6}alkylNR^aR^a, \ -OC_{2\text{-}6}alkylOR^a, \ -SR^a, \ -S(=O)R^b,$

 $-S(=O)_2R^b, \ -S(=O)_2NR^aR^a, \ -S(=O)_2N(R^a)C(=O)R^b, \ -S(=O)_2N(R^a)C(=O)OR^b,$

 $-S(=O)_2N(R^a)C(=O)NR^aR^a, \ -NR^aR^a, \ -N(R^a)C(=O)R^b, \ -N(R^a)C(=O)OR^b, \ -N($

 $\begin{array}{ll} 20 & -N(R^a)C(=O)NR^aR^a, \ -N(R^a)C(=NR^a)NR^aR^a, \ -N(R^a)S(=O)_2R^b, \ -N(R^a)S(=O)_2NR^aR^a, \\ -NR^aC_{2-6}alkylNR^aR^a \ \ and \ -NR^aC_{2-6}alkylOR^a; \end{array}$

 R^2 is C_{1-8} alkyl, phenyl, benzyl, R^c , R^f , C_{1-4} alkyl R^c , C_{1-4} alkyl R^f or R^g ;

 R^3 is phenyl, naphthyl, or a saturated or unsaturated 5- or 6-membered ring heterocycle containing 1-4 heteroatoms selected from N, O and S, wherein no more than 2 of the heteroatoms are O or S, and the heterocycle is substituted by 0, 1 or 2 oxo groups and is optionally fused with a benzo group, any of which are substituted by 0, 1, 2 or 3 substituents selected from C_{1-8} alkyl, C_{1-4} haloalkyl, halo, cyano, nitro, $-C(=O)R^b$, $-C(=O)OR^b$, $-C(=O)NR^aR^a$, $-C(=NR^a)NR^aR^a$, $-OR^a$, $-OC(=O)R^b$, $-OC(=O)NR^aR^a$, $-OC(=O)N(R^a)S(=O)_2R^b$, $-OC_{2-6}$ alkyl NR^aR^a , $-OC_{2-6}$ alkyl NR^a

30 $-S(=O)R^b$, $-S(=O)_2R^b$, $-S(=O)_2NR^aR^a$, $-S(=O)_2N(R^a)C(=O)R^b$,

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 $-S(=O)_2N(R^a)C(=O)OR^b, -S(=O)_2N(R^a)C(=O)NR^aR^a, -NR^aR^a, -N(R^a)C(=O)R^b, \\ -N(R^a)C(=O)OR^b, -N(R^a)C(=O)NR^aR^a, -N(R^a)C(=NR^a)NR^aR^a, -N(R^a)S(=O)_2R^b, \\ -N(R^a)S(=O)_2NR^aR^a, -NR^aC_{2-6}alkylNR^aR^a \ and -NR^aC_{2-6}alkylOR^a;$

R⁴ is phenyl, naphthyl, or a saturated or unsaturated 5- or 6-membered ring heterocycle containing 1-4 heteroatoms selected from N, O and S, wherein no more than 2 of the heteroatoms are O or S, and the heterocycle is substituted by 0, 1 or 2 oxo groups and is optionally fused with a benzo group, any of which are substituted by 0, 1, 2 or 3 substituents selected from C₁₋₈alkyl, C₁₋₄haloalkyl, halo, cyano, nitro, -NR^a(C₁₋₄alkylR^f), -C(=O)R^b, -C(=O)OR^b, -C(=O)NR^aR^a, -C(=NR^a)NR^aR^a, -OR^a, -OC(=O)R^b, -OC(=O)NR^aR^a, -OC(=O)N(R^a)S(=O)₂R^b, -OC₂₋₆alkylNR^aR^a, -OC₂₋₆alkylOR^a, -SR^a, -S(=O)₂N(R^a)C(=O)R^b, -S(=O)₂N(R^a)C(=O)NR^aR^a, -N(R^a)C(=O)R^b, -N(R^a)C(=O)OR^b, -N(R^a)C(=O)NR^aR^a, -N(R^a)C(=O)R^b, -N(R^a)C(=O)R^b, -N(R^a)C(=O)R^aR^a, -N(R^a)C(=O)R

R^a is independently at each instance H or R^b;

R^b is independently at each instance C₁₋₈alkyl, phenyl or benzyl;

R^c is independently at each instance a saturated or unsaturated 5-, 6- or 7-membered monocyclic or 6-, 7-, 8-, 9-, 10- or 11-membered bicyclic ring containing 1, 2 or 3 atoms selected from N, O and S, wherein the ring is fused with 0 or 1 benzo groups and 0 or 1 saturated or unsaturated 5-, 6- or 7-membered heterocyclic ring containing 1, 2 or 3 atoms selected from N, O and S; wherein the carbon atoms of the ring are substituted by 0, 1 or 2 oxo groups;

R^d is independently at each instance C₁₋₈alkyl, C₁₋₄haloalkyl, halo, cyano,

nitro, -C(=O)R^b, -C(=O)OR^b, -C(=O)NR^aR^a, -C(=NR^a)NR^aR^a, -OR^a, -OC(=O)R^b,

-OC(=O)NR^aR^a, -OC(=O)N(R^a)S(=O)₂R^b, -OC₂₋₆alkylNR^aR^a, -OC₂₋₆alkylOR^a, -SR^a,

-S(=O)R^b, -S(=O)₂R^b, -S(=O)₂NR^aR^a, -S(=O)₂N(R^a)C(=O)R^b,

-S(=O)₂N(R^a)C(=O)OR^b, -S(=O)₂N(R^a)C(=O)NR^aR^a, -NR^aR^a, -N(R^a)C(=O)R^b,

-N(R^a)C(=O)OR^b, -N(R^a)C(=O)NR^aR^a, -N(R^a)C(=NR^a)NR^aR^a, -N(R^a)S(=O)₂R^b,

-N(R^a)S(=O)₂NR^aR^a, -NR^aC₂₋₆alkylNR^aR^a or -NR^aC₂₋₆alkylOR^a;

R^c is independently at each instance C₁₋₂alkyl substituted by 1, 2 or 3

 R^e is independently at each instance C_{1-6} alkyl substituted by 1, 2 or 3 substituents independently selected from R^d ;

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 R^{f} is independently at each instance R^{c} substituted by 1, 2 or 3 substituents independently selected from R^{d} ; and

 R^g is independently at each instance R^b substituted by 1, 2 or 3 substituents independently selected from R^c , R^f and R^d .

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- 2. A pharmaceutical composition comprising a compound according to Claim 1 and a pharmaceutically acceptable carrier or diluent.
- 3. A method of treatment of inflammation comprising administering an effective amount of a compound according to Claim 1.
 - 4. A method of treatment of rheumatoid arthritis, Pagets disease, osteoporosis, multiple myeloma, uveititis, acute or chronic myelogenous leukemia, pancreatic β cell destruction, osteoarthritis, rheumatoid spondylitis, gouty arthritis, inflammatory bowel disease, adult respiratory distress syndrome (ARDS), psoriasis, Crohn's disease, allergic rhinitis, ulcerative colitis, anaphylaxis, contact dermatitis, asthma, muscle degeneration, cachexia, Reiter's syndrome, type I diabetes, type II diabetes, bone resorption diseases, graft vs. host reaction, Alzheimer's disease, stroke, myocardial infarction, ischemia reperfusion injury, atherosclerosis, brain trauma, multiple sclerosis, cerebral malaria, sepsis, septic shock, toxic shock syndrome, fever, myalgias due to HIV-1, HIV-2, HIV-3, cytomegalovirus (CMV), influenza, adenovirus, the herpes viruses or herpes zoster infection in a mammal comprising administering an effective amount of a compound according to Claim 1.
 - 5. A method of treatment of rheumatoid arthritis comprising administering an effective amount of a compound according to Claim 1.
 - A method of lowering plasma concentrations of either or both TNF-α and
 IL-1 comprising administering an effective amount of a compound according to
 Claim 1.

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- 7. A method of lowering plasma concentrations of either or both IL-6 and IL-8 comprising administering an effective amount of a compound according to Claim 1.
- 8. A method of treatment of a pain disorder in a mammal comprising administering an effective amount of a compound according to Claim 1.
 - 9. The manufacture of a medicament comprising an effective amount of a compound according to Claim 1.

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- 10. The manufacture of a medicament for the treatment of inflammation comprising an effective amount of a compound according to Claim 1.
- 11. The manufacture of a medicament for the treatment of rheumatoid arthritis, Pagets disease, osteoporosis, multiple myeloma, uveititis, acute or chronic myelogenous leukemia, pancreatic β cell destruction, osteoarthritis, rheumatoid spondylitis, gouty arthritis, inflammatory bowel disease, adult respiratory distress syndrome (ARDS), psoriasis, Crohn's disease, allergic rhinitis, ulcerative colitis, anaphylaxis, contact dermatitis, asthma, muscle degeneration, cachexia, Reiter's syndrome, type I diabetes, type II diabetes, bone resorption diseases, graft vs. host reaction, Alzheimer's disease, stroke, myocardial infarction, ischemia reperfusion injury, atherosclerosis, brain trauma, multiple sclerosis, cerebral malaria, sepsis, septic shock, toxic shock syndrome, fever, myalgias due to HIV-1, HIV-2, HIV-3, cytomegalovirus (CMV), influenza, adenovirus, the herpes viruses or herpes zoster infection in a mammal comprising an effective amount of a compound according to Claim 1.